

8. An information processing device comprising:
a memory for storing primary information;
an interface, wherein at least a portion of said primary information is selected; and
a processor that is operable to (1) process said portion of said selected primary information and (2) deriving personalizing information for said selection portion
9. The information processing device of claim 8, wherein the processor is further operable for storing the personalizing information in the memory.
10. The information processing device of claim 8, wherein the processor is further operable for deriving a history of personalizing information, using two or more selected portions of primary information.

IN THE DRAWING

As required by the Examiner, Applicants submit herewith proposed changes to the Drawing. The changes are in the form of a red ink sketch. Upon approval by the Examiner and upon issuance of a Notice of Allowance, Applicants will make these changes formal.

REMARKS

The Examiner has rejected claims 1-6 under 35 U.S.C. 112, second paragraph, as being indefinite. Claims 1-3 and 5-6 stand rejected under 35 U.S.C. 102(b) as being anticipated by Huffman et al. (WO 97/22062). Claim 4 stands rejected under 35 U.S.C. 103(a) as being obvious over Huffman. Claims 1-6 are pending.

In response, claims 1-6 have been amended to overcome the 35 U.S.C. 112 and Applicants respectfully traverse the art rejections. New claims 7-10 have been added, support for these claims can be found at least on page 1, line 27 through page 2, line 9.

Applicants have also amended the Specification and Drawing to obviate the objections by the Examiner. Accordingly, Applicants submit that the Specification and Drawing fully comply with 37 CFR 1.52(a) and (b) and 37 CFR 1.83(a), respectively.

On the merits, applicants respectfully submit that the pending claims, as amended, are patentable for at least the following reasons.

35 U.S.C. § 102(b) & 103(a)

Amended independent claim 1 is directed to an information processing device comprising: a storage device for storing units of primary information; a user operable interface for making selections from the units of primary information to be processed and/or from functions to be invoked, a second storage device; and a personalizing means for deriving personalizing information from said selections in order to store the personalizing information in the further storage means.

Huffman, as read by the applicants, relates to an electronic book diary having an input unit that the user uses to enter information, a processing unit, a storing unit. Every input sensed by the input unit is stored with a date. A presenting unit is coupled to the processing unit.

Applicants can find nothing in Huffman that teaches a personalizing means for deriving personalizing information from said selections in order to store the personalizing

information in the further storage means, as recited in amended independent claim 1. Amended independent claims 6 and 8 recite similar limitations.

The Office Action indicates that Huffman teaches these limitations in page 37, lines 9-10. Applicants respectfully disagree. In page 37, lines 9-10, Huffman teaches “the user to store pictures as well as text and maybe considered more personal to some users.” Thus, a user can store the actual writing of the user rather than converting it to text. See page 37, lines 7-8.

In contrast, the Applicant teaches that the device derives information that is personal to a particular user as well as the selected information. In particular, personalizing means, e.g. a software agent, monitors the use of the device, i.e. the portions of the primary information which are being processed and which processing functions of the device are being invoked. From these observations, the personalizing means derive personalizing information which is stored in a non-volatile memory. The personalizing information may include the date of manufacture of the device and the date of acquisition by the owner, the total time of ownership, information about a person from whom a unit of primary information has been acquired, a date or city of the acquisition, a frequency of playing an audio-track, etc. After using the device for some time, the device has built up a history of personalizing information, which is valuable to its owner because it can trigger memories of events the device and the user were involved in during the ownership. See specification on page 1, line 27 through page 2, line 9.

It is well settled that a reference that does not teach, show or suggest all of the features of a claimed invention cannot anticipate that invention. Since Huffman does not teach, show or suggest all of the features of amended independent claims 1 and 6, as

recited above, as well as new claim 8, applicant respectfully submits that these claims are patentable over Huffman.

Claims 2-5, 7 and 9-10 in this application are each dependent from one or the other of independent claims discussed above and are, therefore, believed allowable and patentable for at least the same reasons.

Conclusion

The applicants have made a sincere attempt to advance the prosecution of this application by reducing the issues for consideration and specifically delineating the zone of patentability. The applicants submit that the claims, as they now stand, fully satisfy the requirements of 35 U.S.C. 112, 102 and 103. In view of the foregoing amendments and remarks, favorable reconsideration and early passage to issue of the present application are respectfully solicited.

Respectfully submitted,

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VERSION WITH MARKING TO SHOW CHANGES MADE

IN THE SPECIFICATION

Please replace the following paragraphs with the below written paragraphs:

the paragraph beginning on page 1, line 3:

~~--The invention relates to an information processing device as defined in the preamble of Claim 1. The invention further relates to a method for processing information as defined in the preamble of Claim 6.--~~

the six consecutive paragraphs beginning on page 2, line 23:

~~--It is an object of the invention to provide a device that is emotionally linked to its owner and triggers feelings of attachment. To this end, a first aspect of the invention provides a device as claimed in Claim 1. A second aspect of the invention provides a method as claimed in Claim 6. Advantageous embodiments of the invention are defined in the dependent Claims.~~

The information processing device according the principals of the present invention as defined in Claim 1 includes personalizing means, e.g. a software agent, which monitors the use of the device, i.e. the units of primary information which are being processed and which processing functions of the device are being invoked. From these observations, the personalizing means derive personalizing information which is stored in a non-volatile memory. The personalizing information may include the date of manufacture of the device and the date of acquisition by the owner, the total time of ownership, information about a person from whom a unit of primary information has been acquired, a date or city of the acquisition, a frequency of playing an audio-track, etc. After using the device for some time, the device has built up a history of personalizing information, which is valuable to its owner because it can trigger memories of events the device and the user were involved in during the ownership.

In one illustrative ~~an~~ embodiment of the invention ~~as claimed in Claim 2~~, a link is maintained between units of primary information and units of personalizing information which were derived from the use of said primary information. Whenever the primary information is being processed, the user has access to the related personalizing information, triggering memories of events involving the primary information.

In another illustrative ~~embodiment of the invention as claimed in Claim 3~~, the related personalizing information is displayed on a graphical display while the primary information is being processed, e.g. when playing a particular audio track.

In an other illustrative ~~embodiment of the invention as claimed in Claim 4~~, personalizing information remains stored in the further storage means, even if the primary information it was derived from is erased from the storage means. The link between the two types of information is broken, but a trace of the erased primary information is preserved by its related personalizing information. For example, long after an audio track has been removed from an MP3-player, its title and the number of times it has been played could still be available.

In still an other ~~embodiment of the invention as claimed in Claim 5~~, primary information can be exchanged with similar devices, for example by connecting two MP3-players, audio files can be transferred between them. Attached to a file thus transferred is a personal tag belonging to the owner of the sending device. The tag is detached from the transferred audio file by the receiving device and stored as personalizing information by its personalizing means. The personal tag may comprise a personal message from the owner of the sending device, or an artistic icon. This personal tag is still preserved in the MP3-player long after removal of the song from the player's memory.--

IN THE CLAIMS

Please add new claims 7-10 and amend the claims as follows:

1. (Amended) An information processing device ~~including comprising:~~
 a storage ~~means device~~ for storing units of primary information; ~~and~~
 a user operable ~~means interface~~ for making selections from the units of
primary information to be processed and/or from functions to be invoked, **characterized**
~~in that the device also includes further~~
 a second storage ~~device~~; and
 ~~means, and~~ a personalizing means for deriving personalizing information
from said selections in order to store the personalizing information in the further storage
means.
2. (Amended) TheA device according to Claim 1, **characterized in**
~~that wherein~~ the personalizing means ~~is~~are arranged to maintain a link between a
respective unit of said primary information and a respective unit of the personalizing
information.
3. (Amended) TheA device according to claim 2, **characterized in that**
~~wherein~~ the device includes a presentation means for presenting information, the
personalizing means being arranged to present a respective unit of personalizing
information which is linked to a respective unit of primary information while the
respective unit of primary information is being processed.
4. (Amended) A-The device according to Claim 2, the device being arranged
to erase a respective unit of primary information in response to a user command,
characterized in that wherein the personalizing means ~~are~~is arranged to remove a link
between the respective unit of primary information and a respective unit of personalizing
information, and to preserve the storage of the respective unit of personalizing
information in the further storage means.

5. (Amended) A ~~The~~ device according to claim 1, the device including communication means for exchanging units of primary information with a similar device, ~~characterized in that wherein~~ the personalizing means ~~are~~ is arranged to attach a personal tag to a unit of primary information to be sent to the similar device, the personalizing means also being arranged to detach a personal tag from a received unit of primary information and store it as personalizing information in the further storage means.

6. (Amended) A method for processing information ~~by means of a device,~~
the method comprising the steps of:
_____ including the storing of the primary information;
_____ , and the selecting on of units portion of the primary information ~~to be~~
~~processed and/or functions to be invoked,~~ ~~characterized in that the method also includes~~
~~the deriving~~ personalizing of the device by means of personalizing information for the
selected portion of the primary information; and derived from said selections, and the
_____ -storing of the personalizing information ~~in the device.~~

7. (New) The method of claim 6, further including the step of deriving a history of personalizing information, using two or more selected portions of primary information.

8. (New) An information processing device comprising:
a memory for storing primary information;
an interface, wherein at least a portion of said primary information is selected; and
a processor that is operable to (1) process said portion of said selected primary information and (2) deriving personalizing information for said selection portion

9. (New) The information processing device of claim 8, wherein the processor is further operable for storing the personalizing information in the memory.

10. (New) The information processing device of claim 8, wherein the processor is further operable for deriving a history of personalizing information, using two or more selected portions of primary information.